

May 17, 2018

City of Eureka 4301 Hilfiker Lane Eureka, CA 95503

Attn: David Adams

RE: Lost Coast Brewery

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	Outfall 001
01B	Outfall 001

Order No.: 1805198 Invoice No.: 140059 PO No.: 118076

ELAP No.1247-Expires July 2018

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

Flag = Explanation in Case Narrative All solid results are expressed on a wetweight basis unless otherwise noted.

Approved for release by:

Roxanne Moore, Project Manager

Date: 17-May-2018 **WorkOrder:** 1805198

CASE NARRATIVE

The sample was received on ice with a temperature above the EPA recommended temperature of less than or equal to 6° C.

Date: 17-May-2018

1805198 WorkOrder:

ANALYTICAL REPORT

Client Sample ID: Outfall 001 **Received:** 5/10/2018

Lab ID: 1805198-01A Collected: 5/10/2018 14:22

Test Name: Biochemical Oxygen Demand Reference: SM 5210B, 2001. Revs 2011

Limit Parameter Result Flag Units DF Extracted **Analyzed** 5/11/2018

Biochemical Oxygen Demand 4,800 2.0 mg/L 1.0

Test Name: Non-Filterable Residue (TSS) Reference: SM 2540D, 1997. Revs 2011

Analyzed Parameter Result Flag Limit Units DF Extracted Non-Filterable Residue(TSS) mg/L 1.0 5/14/2018 8.8 1.0

Client Sample ID: Outfall 001 Received: 5/10/2018

Lab ID: 1805198-01B Collected: 5/10/2018 14:22

Test Name: Chemical Oxygen Demand Reference: HACH 8000

Parameter Limit DF Result Flag <u>Units</u> Extracted **Analyzed** 5,700 Chemical Oxygen Demand 250 mg/L 50 5/14/2018 5/15/2018

North Coast Laboratories, Ltd.

CLIENT: City of Eureka

Work Order: 1805198

Project: Lost Coast Brewery

QC SUMMARY REPORT

Method Blank

Date: 5/17/2018

Comple ID MIDI NIV	Batch ID: R95444	Test Code:	CODW	Unito: mall	Analysis Date 5/15/2018 Prep Date 5/14/2018	
Sample ID MBLNK	Dalcii ID. R33444	rest Code.	CODV	Units: mg/L	Analysis Date 5/15/2018 Prep Date 5/14/2018	
Client ID:		Run ID:	W_180514A		SeqNo: 1358282	
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec LowLimit HighLimit RPD Ref Val %RPD RPDLimit	Qual
Chemical Oxygen Demand	ND	5.0				
Sample ID MBLK	Batch ID: R95448	Test Code:	NFRW	Units: mg/L	Analysis Date 5/14/2018 Prep Date	
Client ID:		Run ID:	WC_180514)	SeqNo: 1358346	
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec LowLimit HighLimit RPD Ref Val %RPD RPDLimit	Qual
Non-Filterable Residue(TSS)	ND	1.0				

B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

CLIENT: City of Eureka Work Order:

1805198

Lost Coast Brewery Project:

QC SUMMARY REPORT

Laboratory Control Spike

Date: 5/17/2018

Sample ID LCS WL-05141805	Batch ID: R95444	Test Code	CODW	CODW Units: mg/L Analysis Date 5/15/2018						Prep Date 5/14/2018			
Client ID:		Run ID:	W_180514A			SeqNo:	1358	283					
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
Chemical Oxygen Demand	49.96	5.0	50.0	0	99.9%	85	115	0					
Sample ID LCSD WL-051418	Batch ID: R95444	Test Code	: CODW	Units: mg/L	Analysis Date 5/15/2018				Prep Date 5/14/2018				
Client ID:		Run ID:	W_180514A			SeqNo:	1358	284					
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
Chemical Oxygen Demand	49.33	5.0	50.0	0	98.7%	85	115	50.0	1.26%	20			

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

CLIENT: City of Eureka

Work Order: 1805198

Project: Lost Coast Brewery

QC SUMMARY REPORT

BOD Organic Standard

Date: 5/17/2018

Sample ID ORG STD	Batch ID: R95469	Test Code:	BODW	Units: mg/L		Analysis	Prep Date				
Client ID:		Run ID:	WC_180511F	•		SeqNo:	13586	886			
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Biochemical Oxvoen Demand	211.7	2.0	200	0	106%	85	115	0			

B - Analyte detected in the associated Method Blank



Chain of Custody

Р.	1	of	1	

5680 West End R	AIORIES doad • Arcata • CA 95 2-4649 Fax 707-822-683	521-9202			CL I		VI		JUIS) e C	9			ABORATORY NUMBER:
Attention: David Adams Results & Invoice to: City of E Address: 4301 Hilfiker Lane., E)l		PRESERVATIVE		O							L	TAT: STD (2-3 Wk) Other: PRIOR AUTHORIZATION IS REQUIRED FOR RUSH SAMPLES.
e-results to: sourcecontrol@ci.c Phone: (707) 441-4362 Copies of Report to: ecampbe	eureka.ca.gov			CONTAINER		2								REPORTING REQUIREMENTS: State Forms Geotracker SWAMP Other EDD: Final Report PDF FAX By:
Project Number: Project Name: Lost Coast Bro Purchase Order Number:	INFORMATION ewery 3076	TIME 1	MATRIX*	ANALYSIS	12	COD							800	CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—40 ml VOA; 9—60 ml VOA; 10—125 ml VOA;11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other PRESERVATIVE CODES: a—HNO ₃ ; b—HCl; c—H ₂ SO ₄ ; d—Na ₂ S ₂ O ₃ ; e—NaOH; f—C ₂ H ₃ O ₂ Cl; g—other
LAB ID SAMPLE ID Outfall 001	DATE 05/10/18	142Z_	Eff		Y E	V								102
RELINQUISHED BY Gig		DATE/TIME	Market and the second)]]		CEI	VED I	BY (Si	gn)		5	(0) (4)	18	SAMPLE DISPOSAL ☑ NCL Disposal of Non-Contaminated ☐ Return ☐ Pickup CHAIN OF CUSTODY SEALS Y/N/NA SHIPPED VIA: UPS Fed-Ex Hand

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT

^{*}MATRIX: DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; WW=Waste Water; S=Soil; O=Other.